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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

IGASHIRA et al

Atty. Ref.: 2635-49; Confirmation No. 1558

Appl. No. 10/026,431

Group: 3752

Filed: December 27, 2001

Examiner: Evans, R.

For: HYDRAULIC CONTROL VALVE AND FUEL INJECTOR USING SAME

\* \* \* \* \*

August 5, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**SUBMISSION OF POWER OF ATTORNEY**


Submitted herewith is a Power of Attorney for the above-identified application.

Please direct all future correspondence and communications associated with this case to:

CUSTOMER NO. 23117  
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Respectfully submitted,

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61652-US  
L3-0193-TK

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Sir:

**EXCLUSIVE SUBSTITUTE POWER OF ATTORNEY  
AND EXCLUSIVE PROSECUTION HEREAFTER BY  
ASSIGNEE UNDER 37 C.F.R. §§ 1.36, 3.71 AND 3.73**

DENSO CORPORATION, being the owner of all right, title and interest in the above-identified patent application, hereby revokes all previous powers of attorney in this case, if any, and hereby appoints the attorneys of **Customer Number 23117** individually and collectively its attorneys to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith, and with the resulting patent.

DENSO CORPORATION also authorizes Nixon & Vanderhye to act and rely solely on instructions communicated from the person, attorney, firm or other organization sending instructions to Nixon & Vanderhye on behalf of the owner.


IGASHIRA et al  
Serial No. 10/026,431

**Certificate Under 37 C.F.R. §3.73(b)**

DENSO CORPORATION, a corporation having a place of business at 1-1, Showa-cho, Kariya-City, Aichi-Pref., Japan 448-8661 states that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors to the aforesaid assignee, filed for recordation at the United States Patent Office on July 15, 2004, a copy of the assignment being attached.

The undersigned (whose title is typed below) is empowered to sign this statement on behalf of DENSO CORPORATION.

DENSO CORPORATION

July 29, 2004 By:   
Date  
Name: Hirohiko Usui  
Title: General Manager  
Intellectual Property Department

Case No. \_\_\_\_\_

**ASSIGNMENT OF U.S. PATENT RIGHTS**

(Inventors) 1 Toshihiko IGASHIRA  
2 Satoshi HAYASHI  
3

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) DENSO CORPORATION  
(Address) 1-1, Showa-cho, Kariya-city, Aichi-pref. 448-0029 Japan

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as

(Title) HYDRAULIC CONTROL VALVE AND FUEL INJECTOR USING SAME  
for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on December 17 and 18, 2001 or has already filed U.S. application Serial No. \_\_\_\_\_, on \_\_\_\_\_  
The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date December 17, 2001 Signature of inventor Toshihiko Igashira  
Toshihiko Igashira

Date December 18, 2001 Signature of inventor Satoshi Hayashi  
Satoshi Hayashi

Date \_\_\_\_\_ Signature of inventor \_\_\_\_\_

Witnessed by: Tatsuya Oka Date December 18, 2001

Witnessed by: Minako Suwashima Date December 19, 2001